

ANT 31. ABDT

PCT/DK2003/000773

SECOND AMENDED PATENT CLAIMS

5 1. A preparation comprising:

5-30% by weight of Isphagula Husk, and

1-20% by weight of at least one amino acid, and

20-80% by weight of at least one carbohydrate and electrolytes
for use as a therapeutical agent.

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2. Use of a preparation comprising:

5-30% by weight of Isphagula Husk,

1-20% by weight of at least one amino acid, and

20-80% by weight of at least one carbohydrate and electrolytes

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for the preparation of a medicament for simultaneous or sequential use in
treating a state of disorder on the intestinal system of monogastric animals,
including human beings.

20 3. Use of a preparation comprising:

5-30% by weight of Isphagula Husk,

1-20% by weight of at least one amino acid, and

20-80% by weight of at least one carbohydrate and electrolytes
for the preparation of a medicament for treating a state of disorder on the
intestinal system of monogastric animals, including human beings.

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4. Use of a preparation comprising:

5-30% by weight of Isphagula Husk,

1-20% by weight of at least one amino acid, and

20-80% by weight of at least one carbohydrate and electrolytes
30 for the preparation of a medicament for restoring the epithelium layer of the
intestines of mammals, including human beings.**BEST AVAILABLE COPY****AMENDED SHEET**

ART 2A AMDT

5. A preparation according to any one of claims 1 to 4, wherein the amount of Isphagula Husk is in the interval of 10-30% by weight, preferably 15-30% by weight, more preferably 25-30% by weight.

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6. A preparation according to any one of claims 1 to 4, wherein the amount of the at least one amino acid is in the interval of 1-12% by weight, preferably 2-9 % by weight, more preferably 3-7 % by weight.

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7. A preparation according to any one of claims 1 to 4, wherein the amount of carbohydrate is in the interval of 25-50% by weight, preferably 30-45% by weight, more preferably 35-40% by weight.

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8. A preparation according to any one of claims 1 to 4, wherein the amount of electrolyte is in the interval of 8-40% by weight, preferably 12-30% by weight, more preferably 15-25% by weight.

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9. A preparation according to any one of the preceding claims, wherein the at least one amino acid is comprised in the soluble components of lactic yeast.

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10. A preparation according to any one of the preceding claims, comprising at least one amino acid selected from the group consisting of all known amino acids, preferably at least one amino acid selected from the group consisting of glutamine, arginine, lysine, histidine, phenylalanine, tyrosine, leucine, isoleucine, methionine, valine, alanine, glycine, proline, glutamic acid, serine, threonine, aspartic acid, tryptophan, cystine, more preferably at least one amino acid selected from the group consisting of glutamine, arginine, alanine and glycine.

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ART 21 AMDT

11. A preparation according to any one of the preceding claims, wherein the amount of glutamine is in the interval of up to 10% by weight, preferably up to 5% by weight, more preferably 0.1-4% by weight, even more preferably 0.2-3% by weight.

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12. A preparation according to any one of the preceding claims, wherein the amount of arginine is in the interval of up to 5% by weight, preferably up to 3% by weight, more preferably 0.1-2% by weight, even more preferably 0.1-0.5% by weight.

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13. A preparation according to any one of the preceding claims, wherein at least one of the salts comprised by the electrolytes and is at least one of the salts which will replace at least one of the salts lost by diarrhoea.

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14. A preparation according to any one of the preceding claims, wherein said at least one carbohydrate is glucose.

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15. A preparation according to any one of the preceding claims, wherein the electrolytes are a mixture of at least two of the substances selected from the group consisting of magnesium oxide, magnesium carbonate hydroxide, magnesium hydroxide, magnesium silicate, calcium silicate, calcium carbonate, sodium chloride, potassium chloride, sodium hydrogen carbonate, potassium hydrogen carbonate, aluminium phosphate, aluminium hydroxide, citric acid, sodium citrate, trisodium citrate dihydrate and potassium citrate.

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16. A preparation according to any one of the preceding claims, wherein the electrolytes are a mixture of at least two of the substances selected from the group consisting of magnesium hydroxide, sodium chloride, potassium chloride, sodium hydrogen carbonate, citric acid, trisodium citrate dihydrate and sodium citrate.

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17. A preparation according to any one of the preceding claims, further comprising at least one filler, at least one taste corrugent, at least one colouring agent.

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18. A preparation according to any one of the preceding claims, further comprising a filler.

10 19. A preparation according to claim 18, wherein the filler is a fibrous bran material.

20. A preparation according to claim 18, wherein the filler is wheat flour.

15 21. A preparation according to any one of the preceding claims, further comprising a pharmaceutically acceptable colouring agent.

22. A preparation according to any one of the preceding claims, wherein the colouring agent is FD&C RED #40.

20 23. A preparation according to any one of the preceding claims, further comprising alfa-tocoferol (natural vitamin E).

25 24. A preparation according to any one of the preceding claims, wherein said preparation consists of 27.16% Isphagula Husk, 10.66% of lactic yeast mixture including glutamine, 19.75% electrolytes which are made up of 3.30% potassium chloride, 7.08% sodium hydrogen carbonate, 4.85% sodium chloride, 3.45% trisodium citrate dihydrate, 1.07% magnesium hydroxide; 38.10% dextrose monohydrate, 0.87% nicotinamide, 0.30% flavouring agent, 0.20% silicon dioxide, 2.43% wheat flour, 0.03% feed colouring agent, 0.50% alfa-tocoferol (natural vitamin E), where the percent by weight is calculated on the basis of the finished preparation.

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ART 34 AMDT

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25. Use of a preparation according to any one of the preceding claims for the manufacture of a medicament for treating diarrhoea.

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